AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning at page 10, line 16, as follows:

If there is a next sensor path 20b at step 116, the method returns to step 102 to select the next sensor path 20b. If there is no next sensor path at step 116, the method proceeds to step 118. Image processor 22 processes the metrics received from processors <u>34 a-b</u> 32a-b to generate a processed metric. Image processor 22 may, for example, fuse the metrics or may use the metrics to locate a target. Inverse optical transformer 24 inversely optically transforms the processed metric at step 120 in order to invert the data. Display 26 reports the results at step 122. After reporting the results, the method terminates.